9月2日笔记_es与java 语句的转化

es

```
GET /logfmt_692_20220902/_search
{
  "query": {
    "bool": {
      "must": [
        {
          "term": {
            "field_values.spanname.keyword": {
              "value":
"com_sitech_custsvc_comp_inter_qryUserInfo_IUserInfoQueryCoSvc_queryUserBase"
            }
          }
        },
        {
          "range": {
            "timestamp": {
              "gte": 10
            }
          }
        }
      ]
    }
  },
  "size": 0,
  "aggs": {
    "count": {
      "cardinality": {
        "field": "field_values.Trace_id.keyword"
      }
    }
  }
}
```

java

```java
public List<Map<String, String>> getFlowStatisticsTotal(String serviceName) {
      SearchRequest searchRequest = new SearchRequest(ServiceCallDistribution.esbBIndex);

      //bool查询
      BoolQueryBuilder boolQueryBuilder = QueryBuilders.boolQuery();
      //时间戳范围
      RangeQueryBuilder rangeQueryBuilder = new RangeQueryBuilder("timestamp");
      rangeQueryBuilder.gte(DATE.getTime() - 600000);
      //term不分词匹配

      TermQueryBuilder termQueryBuilder = new
```

```java
TermQueryBuilder(ServiceCallDistribution.spanNameField, serviceName);
        boolQueryBuilder.must(rangeQueryBuilder).must(termQueryBuilder);
        CardinalityAggregationBuilder cardinalityAggregationBuilder = AggregationBuilders
                .cardinality("count")
                .field(TRACE_ID);
        SearchSourceBuilder sourceBuilder = new SearchSourceBuilder();
        sourceBuilder.size(0)
                .aggregation(cardinalityAggregationBuilder)
                .query(boolQueryBuilder);
        searchRequest.source(sourceBuilder);

        return null;
    }
```